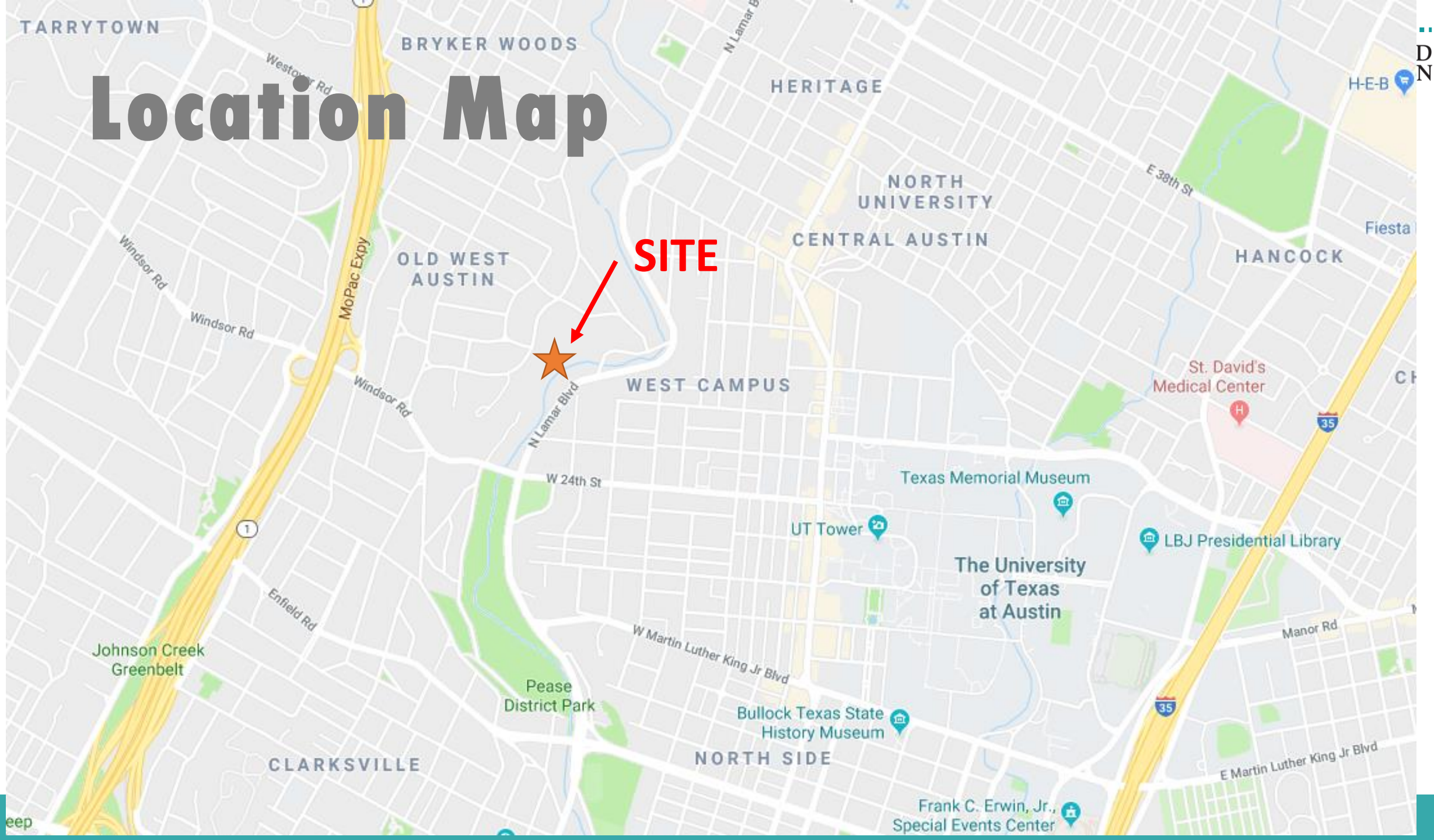




Lower Shoal Creek Slope Failure

2500 Block of N. Lamar

Location Map





Slope Failure Event



Background

Friday, May 4, 2018 – Slope Failure/Landslide on cliff overlooking Shoal Creek.

- **No injuries, 4 private homes affected.**
- **Part of the Shoal Creek Trail destroyed**
- **Debris partially blocking Shoal Creek.**
- **30-inch wastewater line broken**
- **Storm drain outfall from Wooldridge Dr. damaged**



May 2018





May 2018



**WATERSHED
PROTECTION**



April 1, 2019



May 9, 2019





Project Goals



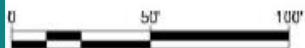
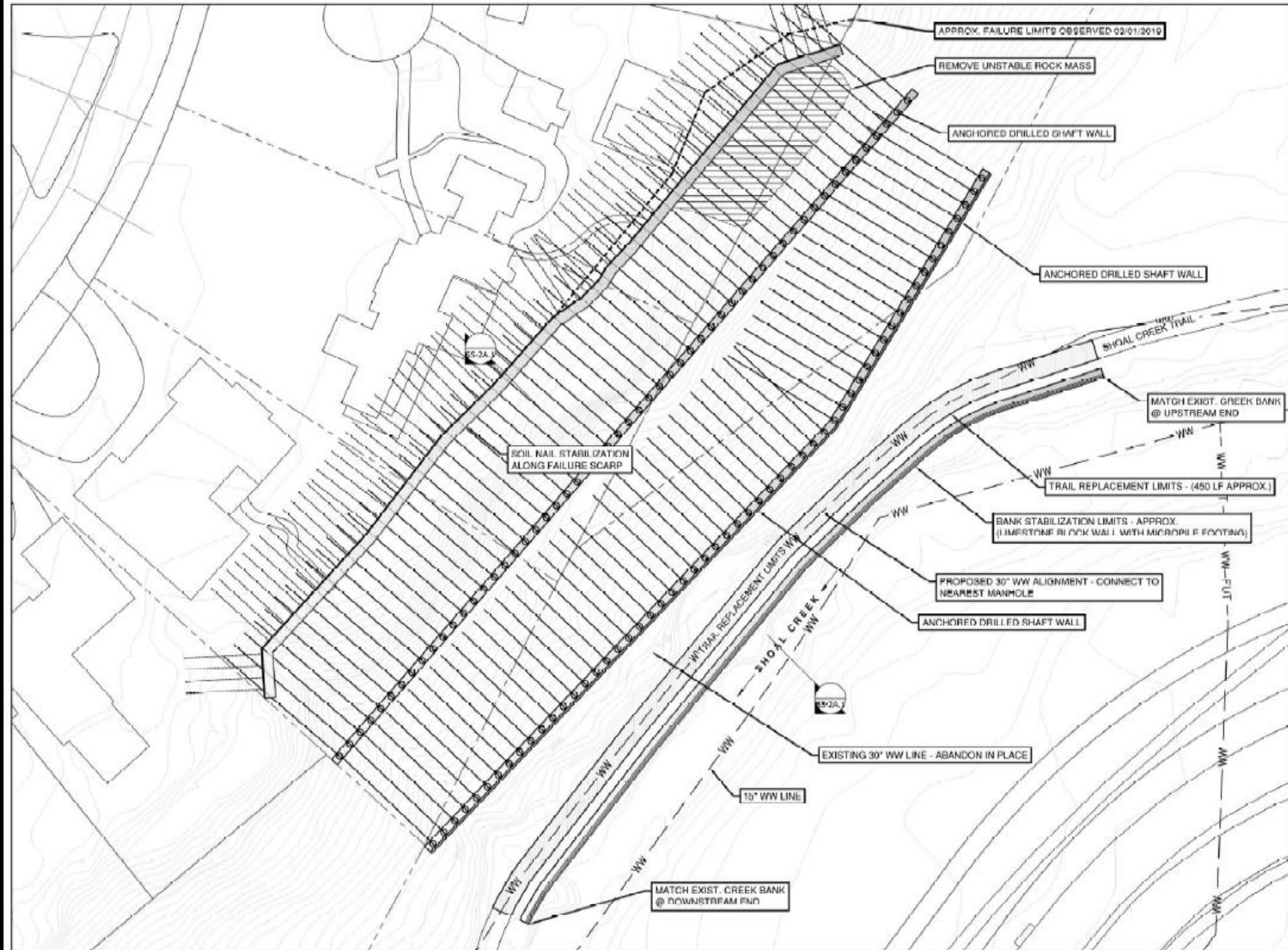
- 1. Restore Shoal Creek conveyance capacity.**
- 2. Stabilize the slope for the protection of public parkland, roadways and infrastructure.**
- 3. Restore the wastewater line under the damaged trail.**
- 4. Stabilize the slope to allow for phased trail replacement.**



Work to Date

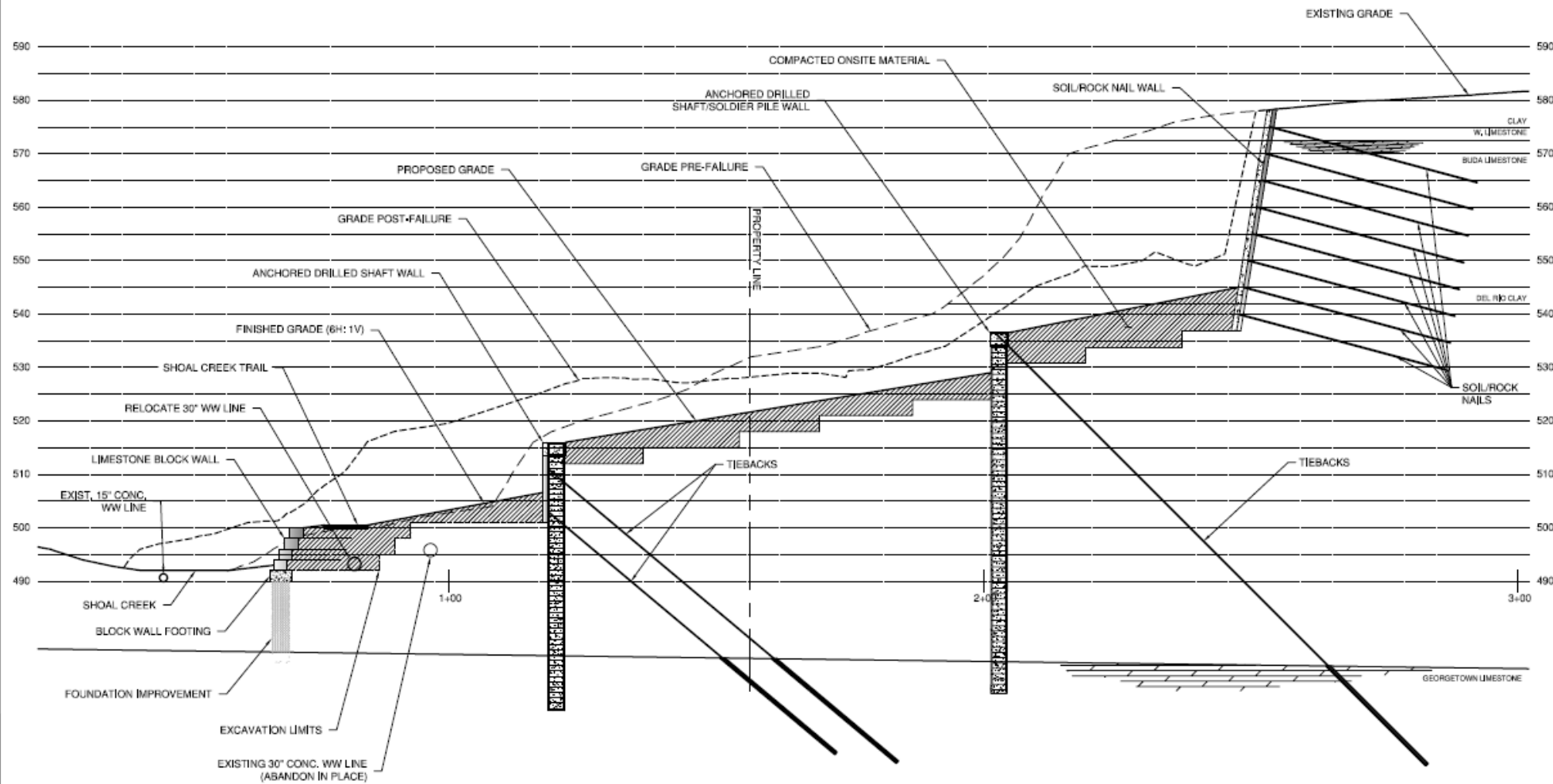


- **Installed sand bags on Wooldridge Dr., initiated separate storm drain project to keep runoff off of slope. Design complete, construction to begin Summer 2019.**
- **Completed semi-permanent reroute of wastewater line**
- **Advanced data collection (Tree survey, property survey, geotechnical investigation)**
- **Completed 30% Design Alternatives Analysis. Reached an agreement with private property owners on preferred design alternative (Design Alternative 2A, \$13.6M incl. 25% contingency)**



PLAN - ALTERNATE 2A

Scale: 1" = 50'



SECTION - ALTERNATIVE 2A
Scale: 1/2"



Next Steps



- **Complete 60% design and update project budget**
- **6/12 – Water and Wastewater Commission**
- **6/20 – Council Meeting for authority to negotiate/execute design build agreement**
- **Construction Phase anticipated late summer to Fall 2019**